

CW
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PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/786,947

DATE: 12/20/2002

TIME: 15:48:40

Input Set : D:\27301-20013.txt

Output Set: N:\CRF4\12202002\I786947.raw

4 <110> APPLICANT: The Scripps Research Institute
 5 Dervan, Peter
 6 Gottesfeld, Joel
 7 Long, John
 9 <120> TITLE OF INVENTION: REGULATION OF HER2/NEU ONCOGENE
 10 EXPRESSION BY SYNTHETIC POLYAMIDES
 13 <130> FILE REFERENCE: 27801-20013.00
 15 <140> CURRENT APPLICATION NUMBER: 09/786,947
 C--> 16 <141> **CURRENT FILING DATE: 2002-07-30**
 18 <150> PRIOR APPLICATION NUMBER: PCT/US99/20840
 19 <151> PRIOR FILING DATE: 1999-09-10
 21 <160> NUMBER OF SEQ ID NOS: 8
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 12
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Artificial Sequence
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: 2-1 Distamycin A-d complex
 33 <400> SEQUENCE: 1
 34 cgcaaatttg gc
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 35
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Artificial Sequence
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: Oligonucleotide HERTATA 1
 44 <400> SEQUENCE: 2
 45 gctgcttgag gaagtataag aatgaagttg tgaag
 47 <210> SEQ ID NO: 3
 48 <211> LENGTH: 35
 49 <212> TYPE: DNA
 50 <213> ORGANISM: Artificial Sequence
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: Complementary nucleotide HERTATA 2
 55 <400> SEQUENCE: 3
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 58 <210> SEQ ID NO: 4
 59 <211> LENGTH: 23
 60 <212> TYPE: DNA
 61 <213> ORGANISM: Artificial Sequence
 63 <220> FEATURE:
 64 <223> OTHER INFORMATION: Primer Her2A

ENTERED

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67 gctggcccga tgtatttgat ggt                                     23
69 <210> SEQ ID NO: 5
70 <211> LENGTH: 24
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Primer Her2B
77 <400> SEQUENCE: 5
78 gttctctgcc gtaggtgtcc cttt                                     24
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 600
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: HER2/neu promoter
88 <400> SEQUENCE: 6
89 cccgggggtc ctggaagcca caaggtaaac acaacacatc cccctccttg actatgcaat   60
90 ttactagag gatgtggtgg gaaaaccatt atttgatatt aaaacaaata ggcttgggat   120
91 ggagtaggat gcaagctccc caggaaagt taagataaaa cctgagactt aaaagggtgt   180
92 taagagtggc agcctagga atttatcccg gactccgggg gagggggcag agtcaccagc   240
93 ctctgcattt agggattctc cgaggaaaag tgtgagaacg gctgcaggca acccaggcgt   300
94 cccggcgcta ggaggacga cccaggcctg cgcgaagaga gggagaaagt gaagctggga   360
95 gttgccgact cccagacttc gttggaatgc agttggaggg ggcgagctgg gagcgcgctt   420
96 gctcccaatc acaggagaag gaggaggtgg aggaggaggg ctgcttgagg aagtataaga   480
97 atgaagtgtg gaagctgaga ttcccctcca ttgggaccgg agaaaccagg ggagcccccc   540
98 gggcagccgc gcgcccttc ccacggggcc ctttactgcg ccgcgcgcc ggccccacc    600
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 30
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Complementary chain for positions 462-491 of
107     HER2/neu DNA
109 <400> SEQUENCE: 7
110 acgaactcct tcatattctt acttcaacac                               30
112 <210> SEQ ID NO: 8
113 <211> LENGTH: 14
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Complementary chain for positions 474-487 of
119     HER2/neu DNA
121 <400> SEQUENCE: 8
122 atattcttac ttca                                               14

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/786,947

DATE: 12/20/2002

TIME: 15:48:41

Input Set : D:\27301-20013.txt

Output Set: N:\CRF4\12202002\I786947.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date